BLACK&DECKER®

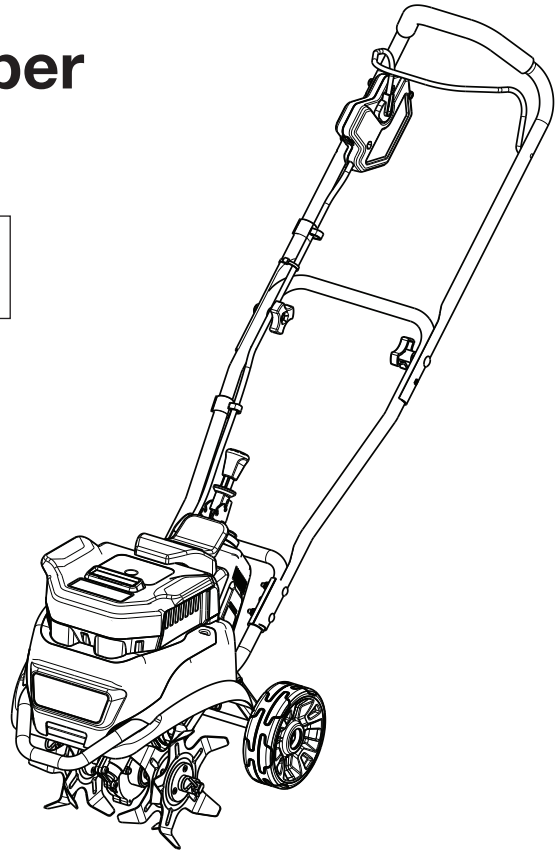
Cordless Garden Tiller

INSTRUCTION MANUAL

Catalog Number

CTL36

Date Code:



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SAVE THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE.

VEA EL ESPAÑOL EN LA CONTRAPORTADA.

INSTRUCTIVO DE OPERACIÓN, CENTROS DE SERVICIO Y PÓLIZA DE GARANTÍA.
ADVERTENCIA: LÉASE ESTE INSTRUCTIVO ANTES DE USAR EL PRODUCTO.

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SAFETY GUIDELINES - DEFINITIONS

It is important for you to read and understand this manual. The information it contains relates to protecting YOUR SAFETY and PREVENTING PROBLEMS. The symbols below are used to help you recognize this information.

⚠ **DANGER:** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠ **WARNING:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ **CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

NOTICE: Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

IMPORTANT SAFETY INSTRUCTIONS

⚠ **DANGER:** When using gardening appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

⚠ **DANGER:** When using the unit, you must follow the safety rules. Please read these instructions before operating the unit in order to ensure the safety of the operator and any bystanders. Please keep these instructions for later use.

TRAINING

- Read, understand, and follow all instructions on the machine and in this manual before attempting to assemble and operate. Be thoroughly familiar with the controls and the proper use of the garden tiller. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
- Be familiar with all controls and their proper operation. Know how to stop the machine and disengage tines quickly.
- Never allow children to operate the equipment. Never allow adults to operate the equipment without proper instruction.
- Never allow adults to operate this machine without proper instruction.
- Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, and other foreign objects which could be tripped over and cause personal injury.
- Dress properly. Wear sturdy, rough-soled work shoes and close-fitting long slacks and shirts. Loose fitting clothes or jewelry can be caught in movable parts. Never operate this machine in bare feet or sandals. Use of rubber gloves is recommended when working outdoors. Wear protective hair covering to contain long hair.
- Wear safety glasses or goggles when operating this unit. Wear a face or dust mask if the operation is dusty. Such protective equipment is available from your authorized service dealer or retailer.
- Use the right tool. Do not use garden tiller for any job except that for which it is intended.
- Keep handle dry, clean, and free from oil and grease.
- Never attempt to make any adjustments while motor is running.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people, their property, and themselves.

OPERATION

- Avoid dangerous environment. Don’t use garden tiller in damp or wet locations.
- Don’t use the garden tiller in the rain.
- Do not operate garden tiller on excessively steep slopes.
- Avoid unintentional starting. Don’t carry garden tiller with your hands/fingers on the motor starting controls.
- Do not put hands or feet near or under rotating parts. Contact with the rotating parts can amputate fingers, hands, and feet.
- Do not operate machine while under the influence of alcohol or drugs.
- Only operate garden tiller in daylight or good artificial light. Don’t overreach. Keep proper footing and balance and a firm hold on the handle at all times.
- Stay alert. Watch what you are doing. Use common sense. Do not operate garden tiller when you are tired.
- Don’t force garden tiller. It will do a better job and with less likelihood of a risk of injury if operated at the rate for which it was designed.
- Keep bystanders, helpers, pets, and children at least 50 feet (15.24m) from the machine while it is in operation. Stop machine if anyone enters the area.
- Be careful when cultivating in hard ground. The tines may catch in the ground and propel the garden tiller forward. If this occurs, let go of the handle and do not restrain the machine.
- Never operate the machine at high transport speeds on hard or slippery surfaces.
- Exercise caution to avoid slipping or falling.
- Look down, behind, and use care when pulling machine towards you.
- Start the motor according to the instructions found in this manual and keep feet well away from the tines at all times.
- After striking a foreign object, release bail handle to turn tiller off, wait until the tines stop and remove safety key. Thoroughly inspect the machine for any damage. Repair the damage before starting and operating.
- Release bail handle to turn tiller off, wait until the tines stop and remove safety key before unclogging the tines, making any adjustments, repairs, or inspections.
- Use caution when cultivating near fences, buildings and underground utilities. Rotating tines can cause property damage or personal injury.
- Do not overload machine capacity by attempting to cultivate soil too deep or at too fast of a rate. **It is recommended to till at a maximum depth of half the tine diameter.**

- If the machine should start making an unusual noise or vibration, release bail handle to turn tiller off, wait until the tines stop and remove safety key to prevent accidental starting. Inspect machine thoroughly for damage. Repair any damage before starting motor and operating.
- Keep all shields, guards and safety devices in place and operating properly.
- When picking up the garden tiller, use the handle provided. Do not lift tiller by battery handles or latch. Don't grasp the tines when picking up or holding the garden tiller. Never pick up or carry machine while the motor is running.
- Use only attachments and accessories approved by the garden tiller manufacturer. Failure to do so can result in personal injury and/or damage to your garden tiller.
- Exercise extreme caution when operating on or crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic. Do not carry passengers.

MAINTENANCE AND STORAGE

- Never tamper with safety devices. Check their proper operation regularly.
- Check bolts and screws for proper tightness at frequent intervals to keep the machine in safe working condition. Also, visually inspect machine for any damage. Also, visually inspect machine for any damage.
- Before leaving the equipment, changing tine width, cleaning, repairing, making adjustments and the like, stop the motor, release bail handle to turn tiller off, wait until the tines stop and remove safety key.
- Do not wash garden tiller with a hose. Avoid getting water on motor and electrical connections.
- Maintain or replace safety and instruction labels, as necessary.
- Follow this manual for safe loading, unloading, transporting, and storage of this machine.
- Always refer to the operator's manual for proper instructions on off-season storage. When not in use, garden tiller should be stored indoors in a dry, and high or locked-up place out of the reach of children.
- Maintain garden tiller with care. Follow instructions for lubrication and cleaning.
- Check for damaged parts. Before further use, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center.
- Keep machine, attachments, and accessories in safe working order.
- Keep cutting edge sharp and clean for best performance and to reduce the risk of injury.
- Do not change the motor settings or overspeed the motor.
- Allow the motor to cool before storing in any enclosure.

SAVE THESE INSTRUCTIONS

- When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Make sure extension cord is in good condition. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

Recommended Minimum Wire Size for Extension Cords

Total Length of Cord						
25 ft.	50 ft.	75 ft.	100 ft.	125 ft.	150 ft.	175 ft.
7.6 m	15.2 m	22.9 m	30.5 m	38.1 m	45.7 m	53.3 m
Wire Size AWG						
18	18	16	16	14	14	12

⚠ **WARNING:** Some dust created by this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- compounds in fertilizers
- compounds in insecticides, herbicides and pesticides
- arsenic and chromium from chemically treated lumber

To reduce your exposure to these chemicals, wear approved safety equipment such as dust masks that are specially designed to filter out microscopic particles.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This Class B digital apparatus complies with Canadian ICES-003.

FUNCTIONAL DESCRIPTION

1.) Upper handle

2.) Bail Handle (Switch lever)

3.) Safety key / charging port

4.) Handle knobs

5.) Wheel height assembly knob

6.) Mid handle

7.) Frame

8.) Battery latch

9.) 36v battery

10.) Tine shield

11.) Tines

12.) Wheel

13.) Front carry handle

14.) Circuit breaker

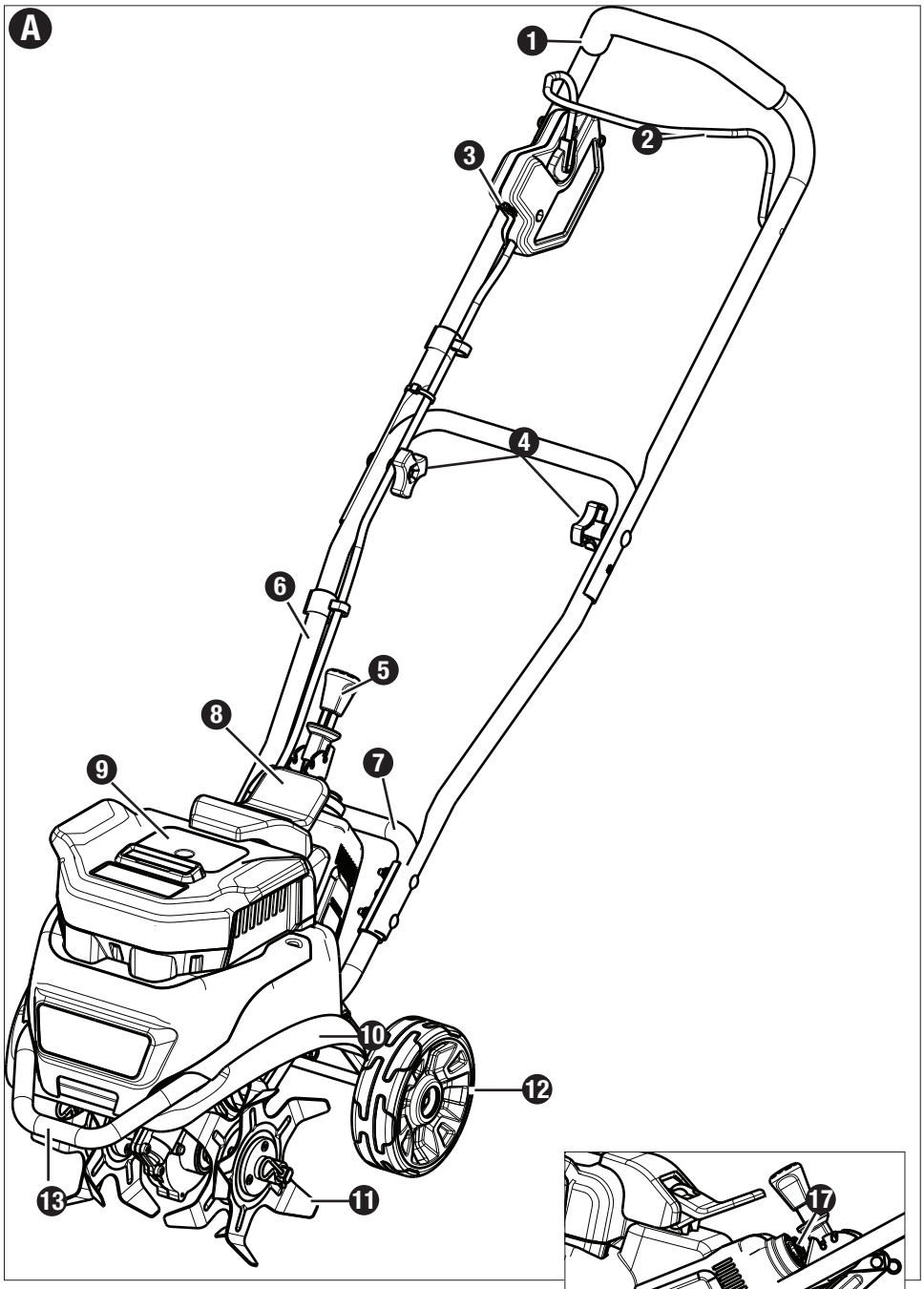
15.)Wheel height assembly bar

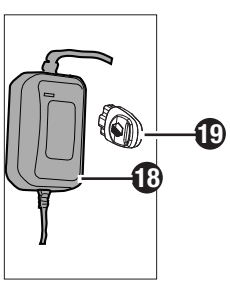
16. Drag bar

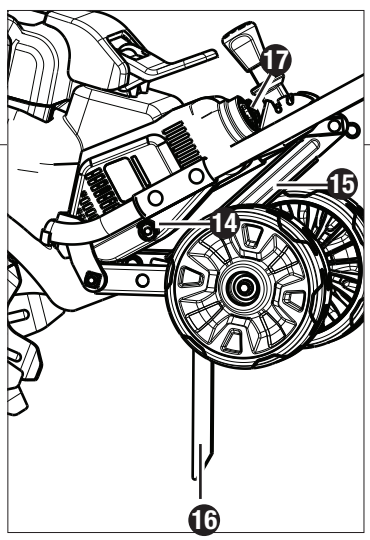
17.) Tine unjam port

18.) Charger

19.) Safety key





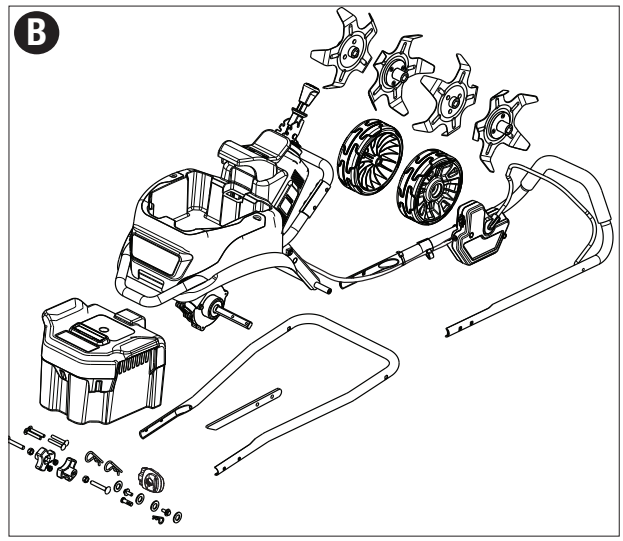


ASSEMBLY INSTRUCTIONS

UNPACKING - (FIGURE B)
Remove the frame / upper handle assembly, mid handle, battery, wheels, drag bar, tines and hardware bag from the carton.

The hardware bag contains:

1. Safety Key (1)
2. Long Carriage Bolts (2)
3. Short Carriage Bolts (4)
4. Flanged Hex Nuts (4)
5. Knobs (2)
6. Wheel machine bolts (2)
7. Wheel washers (4)
8. Steel Pin (1)
9. Long Hairpin Cotter Pins (2)
10. Short Hairpin Cotter Pin (1)



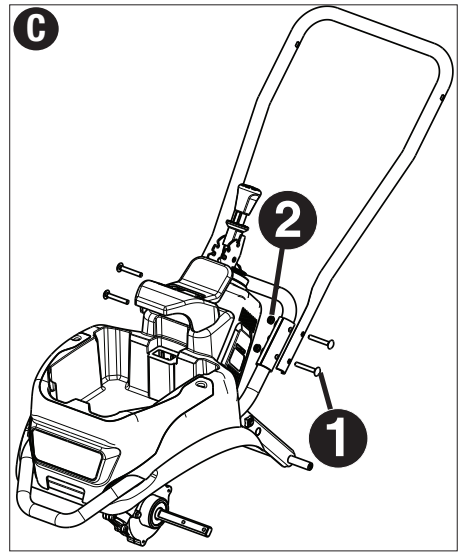
ASSEMBLY

⚠ DANGER: TO PREVENT SERIOUS PERSONAL INJURY, DO NOT INSERT SAFETY KEY UNTIL FULLY COMPLETING GARDEN TILLER ASSEMBLY.

Tools required for assembly:
Adjustable or 10 mm wrench

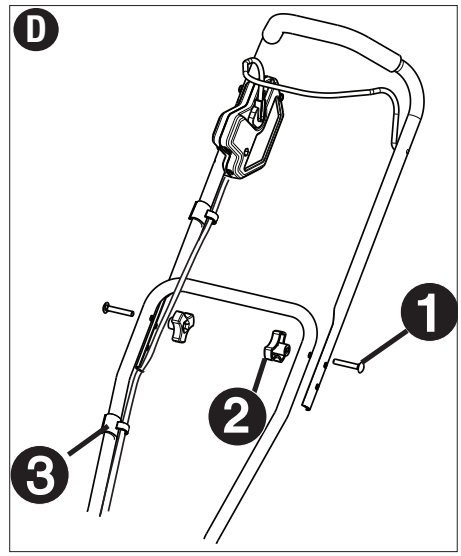
MID HANDLE ASSEMBLY - (FIGURE C)
Ensure that the cord is not pinched and is routed on the top side of the handles.

1. Align the holes in the mid handle with holes in the frame and insert the **short carriage bolts (C-1)** through the holes. Be careful not to trap or pinch cord
2. Place a **nut (C-2)** on each bolt and tighten securely with a 10 mm or adjustable wrench.



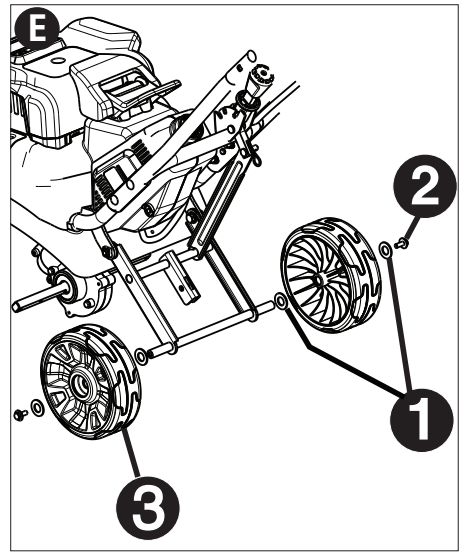
UPPER HANDLE ASSEMBLY - (FIGURE D)
Ensure that the cord is not pinched and is routed on the top side of the handles.

1. Align the holes in the upper handle with holes in the mid handle and insert the **long carriage bolts (D-1)** through the holes. Be careful not to trap or pinch cord
2. Hand tighten **plastic knob (D-2)** onto carriage bolts.
3. Clip the lower part of the cord into the lower **cord clip (D-3)** after the handles are fastened together.



WHEEL ASSEMBLY - (FIGURE E)

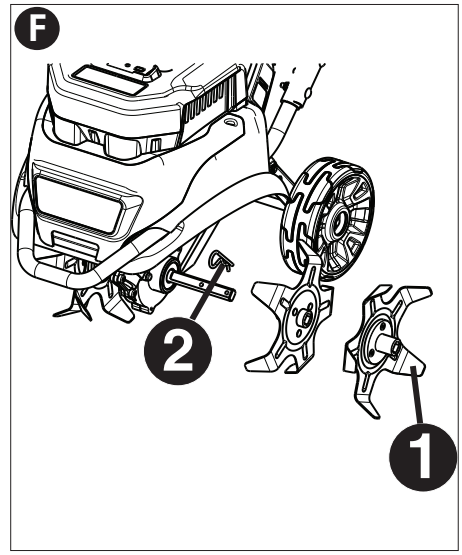
1. Place a **washer (E-1)** on each end of the axle.
2. Place a **wheel (E-3)** on each end of the axle.
3. Place another **washer (E-1)** on the outside of the wheel.
4. Thread **bolt (E-2)** into axle. Tighten securely with a 10 mm or adjustable wrench.



TINE ASSEMBLY - (FIGURE F)

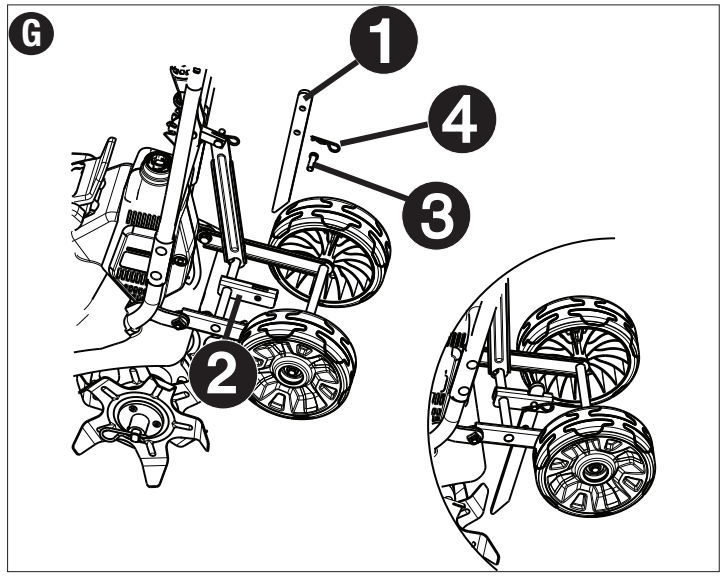
⚠ **WARNING:** Garden tiller tines are sharp. Always wear leather gloves to protect your hands when handling tines.

1. Place a **tine (F-1)** with the fins facing inward on the axle as shown in **figure F**. Place another tine against it with the fins facing out.
2. Insert the **long hairpin cotter pin (F-2)** through the hole in the end of the axle as shown in the inset.
   NOTE: For tilling in a narrow area, such as between plant rows, it may be desirable to leave the outer tine on each side off. Remove safety key before removing the outer tines. Ensure that the cotter pin is inserted in the inner hole location on the axle when only the inner tine positions are used.



DRAG BAR ASSEMBLY - (FIGURE G)

1. Insert the **drag bar (G-1)** through the slot in the **drag bar bracket (G-2)**. Align the hole in the drag bar with the hole in the bracket and insert the **locating pin (G-3)**. Push the **hairpin cotter pin (G-4)** through the hole in the end of the bolt to secure.



CHARGING INSTRUCTIONS

BATTERY

⚠ CAUTION: USE ONLY BLACK & DECKER APPROVED REPLACEMENT BATTERIES - CONTACT YOUR LOCAL SERVICE CENTER OR 1-800-544-6986.

The battery is a 36-volt sealed lead acid system. There is no liquid contained within the battery and the tiller/battery can therefore be stored in any position without fear of leakage.

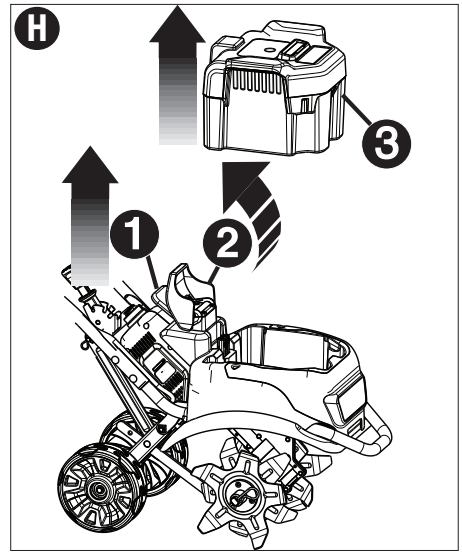
IT IS RECOMMENDED THAT THE BATTERY BE RECHARGED AFTER USE TO PROLONG THE BATTERY LIFE. FREQUENT CHARGING WILL NOT HARM YOUR BATTERY, AND WILL ENSURE THAT THE BATTERY IS FULLY CHARGED AND READY FOR ITS NEXT USE. STORING BATTERY NOT FULLY CHARGED WILL SHORTEN BATTERY LIFE. REFER TO OFF-SEASON STORAGE SECTION.

- For optimal performance the battery should be kept on constant charge when not in use.
- The battery should be charged in its proper orientation.
- The battery should be charged in a cool dry place.
- The battery does not need to be fully discharged before recharging.
- 2 to 3 initial charging cycles may be required after purchase to achieve maximum run time capacity.
- A fully charged battery can be safely stored down to -40°C (-40°F).
- The battery is maintenance free.
- The CTL36 cordless tiller uses the RB-3612 battery. The battery should not be used for any other purpose.

REMOVING BATTERY FROM TILLER - FIGURE H

Prior to removing battery, place tiller on level ground.
Release bail handle to turn tiller off, wait for tines to stop, and remove safety key.

1. To remove the **battery H-3**, lift the **lever H-1**, and then rotate back away from battery to unlatch **clasp H-2**.
2. Remove the battery from the tiller by grasping the handle areas on both sides of the top of the battery and lift straight up.
3. Prior to the installation of the battery, ensure that the tiller is clear of debris and the charger plug is disconnected from the battery.



CHARGER SAFETY RULES

1. Plug charger directly into an electrical outlet. **DO NOT ABUSE THE CORD**. Never carry charger by cord. Do not disconnect the charger from the outlet, tiller or battery by pulling it by the cord.
2. ⚠ **WARNING:** To reduce the risk of fire, electrical shock, or personal injury do not attempt to use this charger with any other product. Likewise, do not attempt to charge the battery with any other charger.
3. Do not service tiller with charger, safety key or battery pack installed.
4. Do not operate a damaged charger. Replace damaged cords or charger immediately at an authorized Black & Decker service center.
5. Always charge the battery in a dry area protected from the weather. Do not expose the tiller, battery or charger to rain. Do not charge in wet locations. Do not charge battery when temperature is above 104°F (40°C) or below 41°F (5°C). Remove battery and charge indoors if above or below these temperatures. Charge the battery in a well ventilated location.
6. Keep the tiller, battery and charger away from water, heat sources, (such as radiators, heaters, stoves, etc.) flames, or chemicals. Be careful not to damage the charger cord, by keeping cord away from sharp edges.
7. Prior to reinstalling the battery into the tiller, disconnect charger plug from battery, or damage may occur.

⚠ WARNING: FIRE HAZARD

ALWAYS DISCONNECT THE CHARGER FROM THE POWER SUPPLY (WALL OUTLET) BEFORE REMOVING THE CHARGER CONNECTOR. UNDER CERTAIN CONDITIONS, WITH THE CHARGER PLUGGED IN TO THE POWER SUPPLY, THE EXPOSED CONNECTOR CAN BE SHORTED BY FOREIGN MATERIAL AND MAY CAUSE A FIRE. FOREIGN MATERIALS OF A CONDUCTIVE NATURE, SUCH AS, BUT NOT LIMITED TO, STEEL WOOL, ALUMINUM FOIL, OR ANY BUILD-UP OF METALLIC PARTICLES, SHOULD BE KEPT FROM THE CONNECTOR. ALWAYS UNPLUG CHARGER BEFORE ATTEMPTING TO CLEAN.

CHARGING PROCEDURE- FIGURES I, J, K

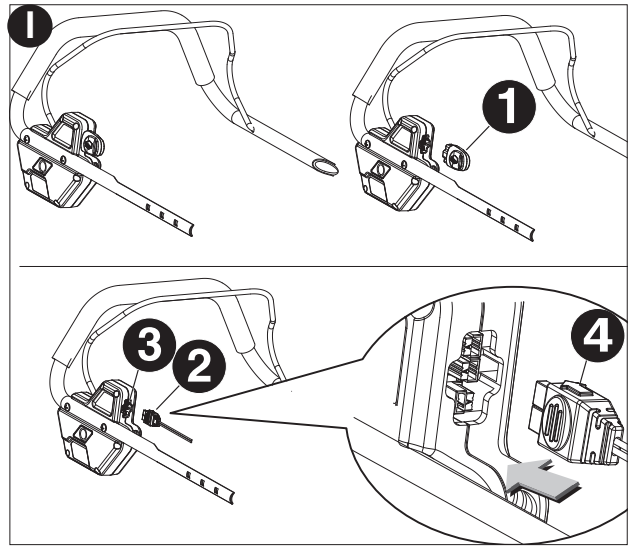
The battery can be removed from the tiller for charging or left in place. To remove the battery refer to **figure H**.

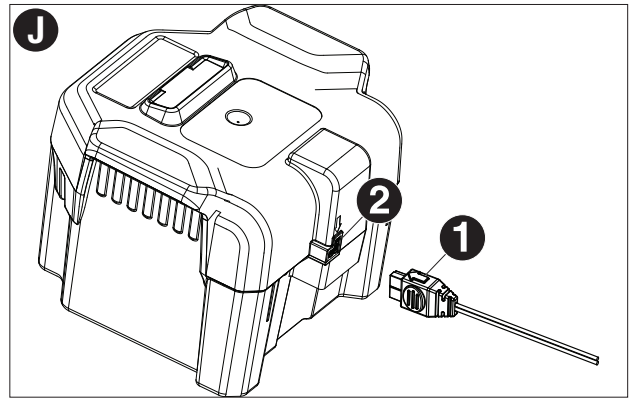
CHARGING WITH BATTERY IN PLACE IN TILLER

1. Remove **safety key I-1**.
2. Align the **charger plug I-2** with the **arrow I-4** on top and insert the charger plug into the **receptacle I-3** on the tiller **(green terminal to green terminal, white terminal to white terminal).**

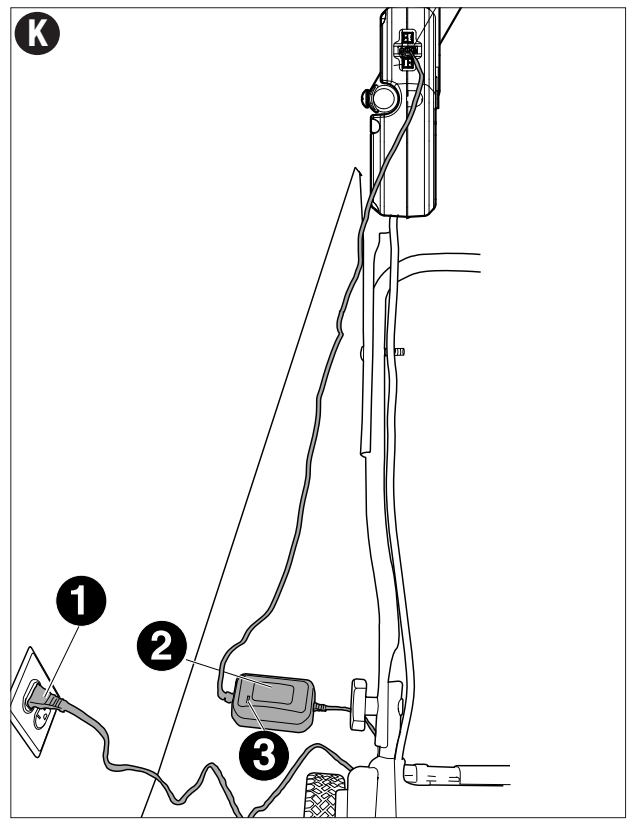
CHARGING WITH BATTERY REMOVED FROM TILLER

1. Remove **safety key I-1**.
2. With the battery removed, insert the **charger plug J-1** (with the arrow on top) into the **receptacle J-2** on the battery. The charger connector can only be plugged into the tiller receptacle or battery one way.





3. Insert the **120 volt plug K-1** of the **charger K-2** into the wall receptacle.
4. The **red LED K-3** on the charger should come on indicating you have power and the battery is being charged. Check the charger for the red LED, if it is not on check the charger connector for proper alignment (step 2). The red LED should extinguish and the **green LED** will come on when charging is complete (takes approximately 20 hours to charge a fully discharged battery).
5. It is recommended to leave the battery on constant charge (between tiller uses) for optimum performance during the tilling season.



KNOW YOUR TILLER

READ THIS INSTRUCTION MANUAL AND SAFETY RULES BEFORE OPERATING YOUR TILLER. See **"Functional Description"** to familiarize yourself with the location of various controls and adjustments. Save this manual for future reference.

SAFETY KEY

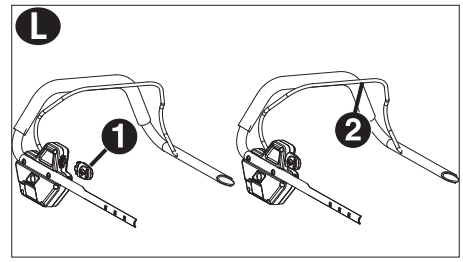
⚠ **DANGER: SHARP MOVING TINES.** In order to prevent accidental start-up or unauthorized use of your Cordless Tiller, a removable **safety key I-1** has been incorporated into the design of your tiller. The tiller will be completely disabled when the Safety Key has been removed. With the Safety Key removed, you will have access to the **charger receptacle I-3**.

NOTE: THE SAFETY KEY HAS A HOLE IN THE CENTER TO ALLOW FOR STORAGE ON A NAIL, OUT OF THE REACH OF CHILDREN. DO NOT TETHER SAFETY KEY TO TILLER.

⚠ **DANGER: ROTATING TINES CAN CAUSE SERIOUS INJURY. TO PREVENT SERIOUS INJURY, REMOVE SAFETY KEY WHEN UNATTENDED, OR WHEN CHARGING, CLEANING, SERVICING, TRANSPORTING, LIFTING, OR STORING TILLER.**

TO TURN TILLER ON

Insert **safety key L-1** into the switch housing, until it is fully seated inside housing. The tiller is now operational.

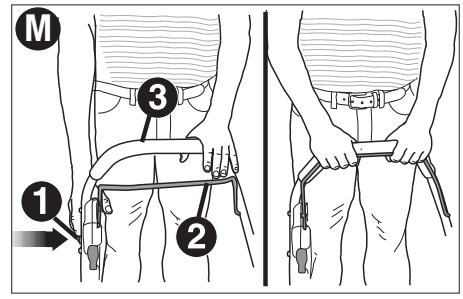


⚠ **DANGER: SHARP MOVING BLADE. NEVER ATTEMPT TO OVERRIDE THE OPERATION OF THIS SWITCH/BAIL HANDLE AND SAFETY KEY SYSTEM AS SERIOUS INJURY COULD RESULT.**

ON-OFF SWITCH (BAIL HANDLE) - FIGURE M

Your tiller is equipped with a special on-off switch system. To operate the system:

1. Make sure safety key is inserted as described above.
2. Push **button M-1** on side of switch housing.
   Note: Starting the tiller motor also starts the tilling action.
3. Stand behind the tiller and pivot the tiller slightly toward the rear, so that its weight is resting on its wheels and the tines are not in contact with the ground.
4. To operate the switch, pull the **bail handle (switch lever) M-2** to the **handlebar M-3** and hold it against the tiller handle to keep it running.
5. To turn the tiller off, release the bail handle.

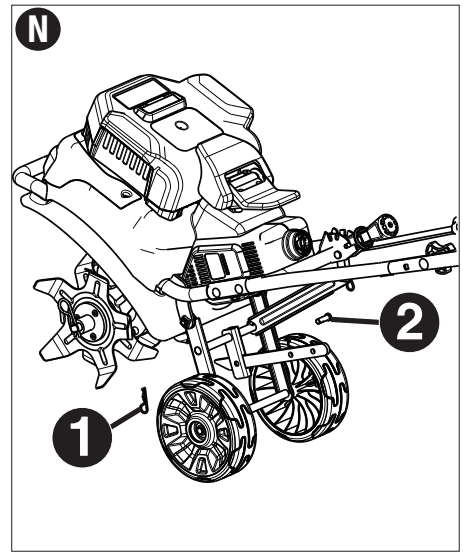


⚠**DANGER:** NEVER ATTEMPT TO OVERRIDE THE OPERATION OF THIS SWITCH.

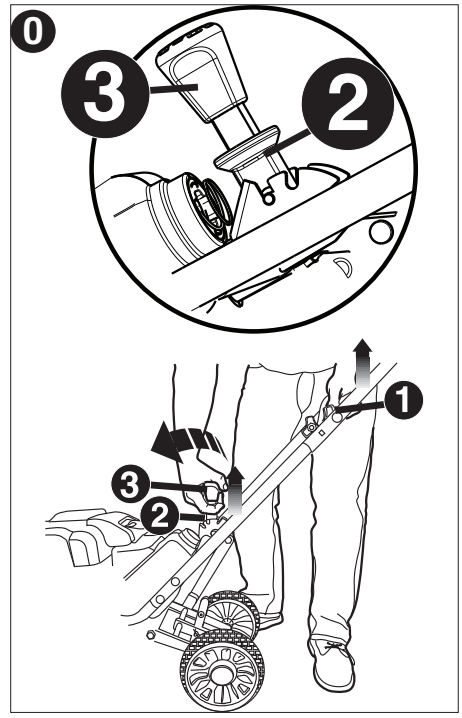
ADJUSTING THE DRAG BAR - (FIGURE N)

⚠ **DANGER:** Avoid accidental starting. Release bail handle to turn tiller off, wait until the tines stop and remove safety key prior to adjusting the drag bar.

To adjust the drag bar, remove the **hairpin cotter pin (N-1)** and **locating pin (N-2)**. Align the drag bar hole in the desired position with the frame hole. Reinsert bolt and cotter pin.
For deeper tilling, the drag bar should be positioned in the lowest position.



ADJUSTING THE WHEEL HEIGHT POSITION - (FIGURE O)



⚠ **DANGER:** Avoid accidental starting. Release bail handle to turn tiller off, wait until the tines stop and remove safety key prior to adjusting wheel height position.

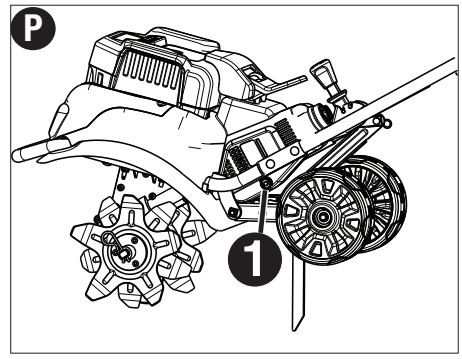
The Tiller has three wheel height positions.
Lowest Position - When the wheels are in their lowest position this will allow easy transportation to and from your work area.
Middle Position - In the middle position the wheels will be lifted up, but can still contact the ground. This may provide some users additional control and stability while tilling. It is recommended to raise or remove the drag bar when tilling in this wheel position.
Highest Position - In the highest position the wheels will not contact the ground. This position can be used for deep tilling.

1. To adjust the wheel height position, grasp the top of the **mid handle (O-1)** and lift slightly to raise the wheels off the ground.
2. Grasp the **wheel height adjustment sleeve (O-2)** under the **wheel height adjustment knob (O-3)** with your index and middle finger and slide up to release.
3. Move the knob to the desired detent position.

USING THE TILLER

1. Move the tiller to the work area prior to starting the motor. Transport the tiller by pushing or pulling it along on its wheels with the safety key removed.
2. Start the tiller following all steps under “ON-OFF SWITCH” on the previous page.
3. With both hands on the upper handle, slowly pivot the tiller forward until the tines make contact with the soil.
4. Once the tines are in the ground, till at a moderate pace until you are familiar with the controls and the handling of the tiller.
5. To adjust the tilling depth, adjust the drag bar bracket and wheel height adjustment position as required.
6. For deeper tilling move your tiller slowly back and forth. Work the same area over and over until the desired depth is reached.

CIRCUIT BREAKER - (FIGURE P)

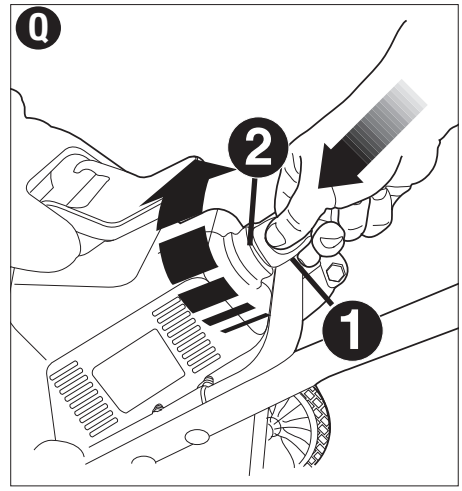


The tiller is protected from overheating with a manually resettable circuit breaker. It may require resetting if an overload condition existed.

1. Remove the safety key from the tiller switch housing.
2. Press the **circuit breaker button (P-1)** at the rear left side of the motor housing.
3. Insert the safety key and restart tiller.

   NOTE: The tiller may need a few minutes to cool down. Pushing the breaker button back in will reset it.

UNJAMMING THE TINES - (FIGURE Q)



⚠ **DANGER:** Avoid accidental starting. Release bail handle to turn tiller off, wait until the tines stop and remove safety key prior to unjamming tines.

To unjam the tines:

1. Remove the **safety key (Q-1)** from the tiller switch housing.
2. Insert the safety key into the **tine unjam port (Q-2)** as shown, push in on the key and turn clockwise.
3. As the key is rotated, the tines will slowly rotate unjamming the debris.
4. If the debris is not easily removed with the above operation, the tines may have to be removed.

TROUBLESHOOTING GUIDE

PROBLEM	RECOMMENDATION
1. Tiller doesn't run when bail handle is activated.	A. Check to make sure safety key has been installed and is fully seated and that button on switch housing is being completely depressed. B. The tiller is protected from overheating with a manually resettable circuit breaker. It may require resetting if an overload condition existed. Remove safety key. Press the circuit breaker button at the rear left side of the motor housing. Reinsert safety key and restart tiller. C. Release bail handle to turn tiller off. Remove safety key and battery pack, turn tiller over and check that tines are free to turn. D. Check that the battery cavity is free of debris and is connected properly. E. Has battery been fully charged? Plug in charger and wait for green LED to come on.
2. Motor stops while tilling.	A. The tiller is protected from overheating with a manually resettable circuit breaker. It may require resetting if an overload condition existed. Remove safety key. Press the circuit breaker button at the rear left side of the motor housing. Reinsert safety key and restart tiller. B. Release bail handle to turn tiller off. Remove safety key and battery pack, turn tiller over and check that tines are free to turn. C. Check that the battery cavity is free of debris and is connected properly. D. Has battery been fully charged? Plug in charger and wait for green LED to come on. E. If the tiller continues to stop operating and the tiller circuit breaker trips, slow the tilling pace down and do not dig as deep.
3. Battery charger LED is not on.	A. Check plug connection. Unplug charger, wait a few seconds. Plug charger in again to see if battery charger LED comes on. B. There are two charge ports on your tiller - at the upper handle end and at the battery pack. The battery pack charge port is accessible only when removed from the tiller. Try both charge ports to see if charger LED comes on. C. Replace charger.
4. Battery charger LED does not change from red to green.	A. Unplug charger and wait a few seconds. Plug in again and leave on charge for minimum 12 to 20 hours. B. If charger LED is not green, battery may need to be diagnosed. Take to authorized service center.

MAINTENANCE

⚠**WARNING:** To prevent serious personal injury, remove safety key from unit before performing any maintenance.

⚠**WARNING:** Do not wash garden tiller with a hose. Avoid getting water on motor and electrical connections. After tilling, the mud and debris may be easily removed from the tines by removing them from the tiller first. You may spray the tines with water while they are detached and away from the tiller.

Use only mild soap and damp cloth to clean the tool. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid. **IMPORTANT:** To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by authorized service centers or other qualified service organizations, always using identical replacement parts.

TRANSPORTING AND STORAGE

⚠ **DANGER:** Rotating tines can cause serious injury. Release bail handle to turn tiller off and remove the safety key before lifting, transporting or storing the tiller. Never pick up or carry the unit while the motor is running, serious personal injury could result. Store in a dry place. Do not lift the tiller by the battery handles. Note: The tiller will not be as heavy to lift if the battery pack is removed first. Do not use the latch as a lift point for the tiller.

OFF-SEASON STORAGE

1. In warmer climates to ensure optimal performance, it is recommended that the battery be maintained on constant charge.
2. The tiller may be stored with the charger disconnected if all of the following conditions are met.
   - the battery is fully charged before storing. (Failure to store fully charged will shorten battery life).
   - the average temperature of the storage location is below 50°F (10°C).
   - storage duration is less than 6 months.

BATTERY SERVICE AND INSTALLATION

When service or repair is required, it is recommended that you take your tiller to an authorized Black & Decker Service Center.

When servicing or replacing batteries, please note:

- Use only the same type and size of battery as originally supplied.
- Do not dispose of the batteries in a fire. The cell may explode. See Battery Recycling information below.
- Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.

THE RBRC™ SEAL (BATTERY RECYCLING)

The RBRC™ (Rechargeable Battery Recycling Corporation) Seal on the lead acid battery (or battery pack) indicates that the costs to recycle the battery (or battery pack) at the end of its useful life have already been paid by Black & Decker. In some areas, it is illegal to place spent lead acid batteries in the trash or municipal solid waste stream and the RBRC program provides an environmentally conscious alternative.

RBRC in cooperation with Black & Decker and other battery users, has established programs in the United States and Canada to facilitate the collection of spent lead acid batteries. Help protect our environment and conserve natural resources by returning the lead acid battery to an authorized Black & Decker service center or to your local retailer for recycling. You may also contact your local recycling center for information on where to drop off the spent battery, or call **1-800-544-6986.**

ACCESSORIES

The CTL36 cordless tiller uses the RB-3612 battery. Recommended accessories for use with your tiller are available from your local dealer or authorized service center.

If you need assistance regarding accessories, please call: **1-800-544-6986**

⚠ **WARNING:** The use of any accessory not recommended for use with this tool could be hazardous.

SERVICE INFORMATION

All Black & Decker Service Centers are staffed with trained personnel to provide customers with efficient and reliable power tool service. Whether you need technical advice, repair, or genuine factory replacement parts, contact the Black & Decker location nearest you. To find your local service location, refer to the yellow page directory under "Tools—Electric" or call: **1-800-544-6986 or visit www.blackanddecker.com**

FULL TWO-YEAR HOME USE WARRANTY

Black & Decker (U.S.) Inc. warrants this product for two years against any defects in material or workmanship. The defective product will be replaced or repaired at no charge in either of two ways.

The first, which will result in exchanges only, is to return the product to the retailer from whom it was purchased (provided that the store is a participating retailer). Returns should be made within the time period of the retailer's policy for exchanges (usually 30 to 90 days after the sale). Proof of purchase may be required. Please check with the retailer for their specific return policy regarding returns that are beyond the time set for exchanges.

The second option is to take or send the product (prepaid) to a Black & Decker owned or authorized Service Center for repair or replacement at our option. Proof of purchase may be required.Black & Decker owned and authorized Service Centers are listed under "Tools-Electric" in the yellow pages of the phone directory.

This warranty does not apply to accessories. This warranty gives you specific legal rights and you may have other rights which vary from state to state or province to province. Should you have any questions, contact the manager of your nearest Black & Decker Service Center. This product is not intended for commercial use.

FREE WARNING LABEL REPLACEMENT: If your warning labels become illegible or are missing, call **1-800-544-6986** for a free replacement.

LATIN AMERICA: This warranty does not apply to products sold in Latin America. For products sold in Latin America, check country specific warranty information contained in the packaging, call the local company or see the website for warranty information.

Imported by
Black & Decker (U.S.) Inc.,
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Towson, MD 21286 U.S.A.

BlackandDecker.com
1-800-544-6986

See 'Tools-Electric' – Yellow Pages – for Service & Sales